

PROJECT					COMPUTATION OF ELEVATIONS FROM NONRECIPROCAL OBSERVATIONS (By calculating machine) For use of this form, see FM 3-34.331 the proponent agency is TRADOC.	
LOCATION						
ORGANIZATION			DATE (YYYYMMDD)			
Station 1, occ.						
Station 2, obs.						
Object sighted						
ζ_1						
α and mean ϕ						
(0.5 - m)						
s						
$p \sin 1''$						
k in secs.						
$(90^\circ - \zeta_1 + k)$						
$\tan (90^\circ - \zeta_1 + k)$						
A						
B						
C						
$h_2 - h_1$						
h_1						
$i - o$						
Corrected elevation						
$\frac{1}{s^2} = p \text{ of } (h_2 - h_1)$						
Weighted mass elevation of sta. obs.						
$h_2 - h_1 = s \tan (90^\circ - \zeta_1 + k) A B C$ $k \text{ in secs.} = \frac{(0.5 - m)s}{p \sin 1''}$						
COMPUTED BY			DATE (YYYYMMDD)		CHECKED BY	
					DATE (YYYYMMDD)	